

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1257 00
First Inventor	Martin M. Deneroff
Title	Method and System for Cache Coherence in DSM Multiprocessor System without Growth of the Sharing Vector
Express Mail Label No.	

APPLICATION ELEMENTS*See MPEP chapter 600 concerning utility patent application contents***ADDRESS TO:**Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 29]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
- Oath or Declaration [Total Pages 2]
 - Newly executed (original or copy)
 - Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76.

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. Other: Authorization under 37 C.F.R. § 1.136(a)(3)
 Other: The name of the assignee is: Silicon Graphics, Inc.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation Divisional Continuation-in-Part (CIP)
Prior application information Examiner _____ of prior application No. _____ / _____
Group/Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label Correspondence address below

Customer No. 26111

(Insert Customer No. & attach bar code label here)

or Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. PATENT TRADEMARK OFFICE		
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Patrick E. Garrett	Registration No. (Attorney/Agent)	39,987
SIGNATURE	<i>Pat E. Garrett</i> 2/28/02		

J1046 U.S. PTO
10/084088
02/28/02



ATTORNEYS AT LAW

JC662 U.S. PTO
02/28/02

Robert Greene Sterne
Edward J. Kessler
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Linda E. Alcorn
Robert C. Millanig
Lawrence B. Bugalsky
Donald J. Featherstone
Michael V. Messinger

Judith U. Kim
Timothy J. Shea, Jr.
Patrick E. Garrett
Jeffrey T. Helvey*
Heidi L. Kraus
Crystal D. Sayles
Edward W. Yee
Albert L. Ferro*
Donald R. Banowitz
Peter A. Jackman
Molly A. McCall
Teresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Albert J. Fasulo II*
Eldora Ellison Floyd
W. Russell Swindell

Thomas C. Fiala
Brian J. Del Buono*
Virgil Lee Beaston*
Reginald D. Lucas*
Kimberly N. Reddick
Theodore A. Wood
Elizabeth J. Haanes
Bruce E. Chalker
Joseph S. Ostroff
Frank R. Cottingham*
Christine M. Lhuifer
Rae Lynn Prengaman*
Jane Shereshenovich*
Lawrence J. Carroll*

Senior Counsel
Samuel L. Fox
Kenneth C. Bass II

Registered Patent Agents
Karen R. Markowicz
Andrea J. Kamage
Nancy J. Leith
Joseph M. Conrad III
Ann E. Summerfield
Helene C. Carlson
Gaby L. Longsworth
Matthew J. Dowd
Aaron L. Schwartz
Angelique G. Uy
Boris A. Matvenko
Mary B. Tung

*Admitted only in Maryland
+ Admitted only in Virginia
^ Admitted only in Texas

J1046 U.S. PTO
10/084888

02/28/02

February 28, 2002

WRITER'S DIRECT NUMBER:
(202) 371-2587

INTERNET ADDRESS:
PGARRETT@SKGF.COM

Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. *To be Assigned*; Filed: *Herewith*
For: **Method and System for Cache Coherence in DSM Multiprocessor
System without Growth of the Sharing Vector**
Inventor: DENEROFF, Martin M.
Our Ref: 1257.00

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Utility Patent Application entitled:

**Method and System for Cache Coherence in DSM Multiprocessor System
without Growth of the Sharing Vector**

and naming as inventor:

DENEROFF, Martin M.

the application consisting of:

Commissioner for Patents
February 28, 2002
Page 2

- a. A specification containing:
 - i. 17 pages of description prior to the claims;
 - ii. 11 pages of claims (41 claims);
 - iii. a one (1) page abstract;
- b. 7 sheet(s) of drawings: (Figures 1, 2, 3, 4, 5A, 5B, and 6);
- c. A facsimile copy of an original executed Declaration;
- d. An Application Data Sheet (37 C.F.R. § 1.76);

4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);

5. Recordation Form Cover Sheet;

6. A facsimile copy of an original executed Assignment to Silicon Graphics, Inc., recordation of which is hereby respectfully requested;

7. Three (3) return postcards; and

8. Our check No. 34362 for \$ 1578.00 to cover:

\$ 740.00 Filing fee for patent application;

\$ 40.00 Assignment recordation fee; and

\$ 798.00 Fee for excess claims.

The name of the assignee Silicon Graphics, Inc.

Correspondence should be sent to Customer Number 26111.

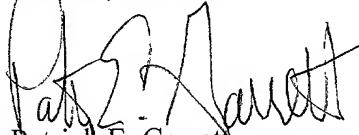
It is respectfully requested that, of the three attached postcards, two be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Commissioner for Patents
February 28, 2002
Page 3

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Patrick E. Garrett

Attorney for Applicant
Registration No. 39,987

PEG/BAM/ayd
Enclosures

P:\USERS\ADORR\1452\1452.373 Cover Letter
SKGF Rev. 2/12/02 dcw

FEE TRANSMITTAL for FY 2002

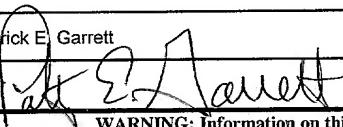
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$1578.00)

Complete if Known

Application Number	To be Assigned
Filing Date	Herewith
First Named Inventor	Martin M. Deneroff
Examiner Name	To be Assigned
Group Art Unit	To be Assigned
Attorney Docket No.	1257.00 (1452.373000/PEG/BAM)

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)						
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:		3. ADDITIONAL FEES Large Entity Small Entity						
<input type="checkbox"/> Deposit Account Number 19-0036 <input type="checkbox"/> Deposit Account Name Sterne, Kessler, Goldstein & Fox P L L C <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		Fee paid
		105	130	205	65	Surcharge - late filing fee or oath		
		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		
		139	130	139	130	Non-English specification		
		147	2,520	147	2,520	For filing a request for ex parte reexamination		
		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		
		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
		115	110	215	55	Extension for reply within first month		
		116	400	216	200	Extension for reply within second month		
		117	920	217	460	Extension for reply within third month		
		118	1,440	218	720	Extension for reply within fourth month		
		128	1,960	228	980	Extension for reply within fifth month		
		119	320	219	160	Notice of Appeal		
		120	320	220	160	Filing a brief in support of an appeal		
		121	280	221	140	Request for oral hearing		
		138	1,510	138	1,510	Petition to institute a public use proceeding		
		140	110	240	55	Petition to revive - unavoidable		
		141	1,280	241	640	Petition to revive - unintentional		
		142	1,280	242	640	Utility issue fee (or reissue)		
		143	460	243	230	Design issue fee		
		144	620	244	310	Plant issue fee		
		122	130	122	130	Petitions to the Commissioner		
		123	130	123	130	Petitions related to provisional applications		
		126	180	126	180	Submission of Information Disclosure Stmt		
		581	40	481	40	Recording each patent assignment per property (times number of properties)		40.00
		146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))		
		149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))		
		179	740	279	370	Request for Continued Examination (RCE)		
		169	900	169	900	Request for expedited examination of a design application		
Other fee (specify):								
Other fee (specify):								
*Reduced by Basic Filing Fee Paid								SUBTOTAL (3) (\$ 40.00)
SUBMITTED BY								Complete (if applicable)
Name (Print/Type)	Patrick E. Garrett			Registration No. (Attorney/Agent)	39,987	Telephone	202-371-2600	
Signature						Date	2/28/02	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.